

STIC-Biotech/ChemLib

77978

Fr m: Portner, Ginny  
Sent: Wednesday, October 16, 2002 8:18 AM  
T : STIC-Biotech/ChemLib  
Subject: 09/369,992  
Importance: High

Please search and oligomer search SEQ ID NO 1, nucleotides 1147-1740. thanks,

Ginny Portner  
CM1, Art Unit 1645  
Room 7e13  
Mail box 7e12  
(703) 308-7543

SwissProt

Gembel  
Genbank  
Isolated  
Patents  
Wesley  
DIAL

Cytochrome C  
oxidase  
(COX I)

Point of Contact  
P. Sheppard  
Telephone number: (703) 308-4499

Point of Contact  
P. Sheppard  
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10/22/02

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# WEST Search History

DATE: Monday, August 12, 2002

## Set Name Query

side by side

## Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=AND*

L1	cox or coxi or cox-i	24153	L1
L2	L1 and (plasmod\$ or falciparum or vivax or ovale or malari\$)	242	L2
L3	L1 same (plasmod\$ or falciparum or vivax or ovale or malari\$)	20	L3
L4	L1 same (probe or primer or gene or pcr or hybridiz\$)	493	L4
L5	L4 and l2	32	L5
L6	coxi or cox-i	53	L6
L7	L6 and l2	0	L7
L8	L6 and malari\$	0	L8
L9	L6 and parasite	1	L9
L10	coxI	6	L10
L11	cox-l	1	L11

END OF SEARCH HISTORY

service. Enter a BEGIN command plus a file number to search a database  
(e.g., B1 for ERIC).

?b 155

12aug02 12:40:37 User228206 Session D1833.1

\$0.00 0.159 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.00 Estimated cost this search

\$0.00 Estimated total session cost 0.159 DialUnits

### Status: Break Sent.

?e coxl

Ref	Items	Index-term
E1	1	COXIVP
E2	1	COXK
E3	9	*COXL
E4	3	COXLESS
E5	1	COXL7P
E6	3	COXM
E7	1	COXMNOP
E8	2	COXMSL
E9	2	COXN
E10	77	COXO
E11	1	COXOARTHROSIS
E12	1	COXOARTROSI

Enter P or PAGE for more

?s e3

S1 9 'COXL'

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1966-2002/Nov W3

\*File 155: For updating information please see Help News155. Alert feature enhanced with customized scheduling. See HELP ALERT.

File 5:Biosis Previews(R) 1969-2002/Dec W1

(c) 2002 BIOSIS

\*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Dec W2

(c) 2002 Inst for Sci Info

\*File 34: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 35:Dissertation Abs Online 1861-2002/Nov

(c) 2002 ProQuest Info&Learning

File 48:SPORTDiscus 1962-2002/Nov

(c) 2002 Sport Information Resource Centre

File 65:Inside Conferences 1993-2002/Dec W2

(c) 2002 BLDSC all rts. reserv.

File 71:ELSEVIER BIOBASE 1994-2002/Dec W2

(c) 2002 Elsevier Science B.V.

File 73:EMBASE 1974-2002/Dec W1

(c) 2002 Elsevier Science B.V.

\*File 73: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 91:MANTIS(TM) 1880-2002/Oct

2002 (c) Action Potential

File 94:JICST-EPlus 1985-2002/Oct W1

(c) 2002 Japan Science and Tech Corp(JST)

File 98:General Sci Abs/Full-Text 1984-2002/Oct

(c) 2002 The HW Wilson Co.

File 135:NewsRx Weekly Reports 1995-2002/Dec W1

(c) 2002 NewsRx

File 144:Pascal 1973-2002/Dec W2

(c) 2002 INIST/CNRS

File 149:TGG Health&Wellness DB(SM) 1976-2002/Nov W4

(c) 2002 The Gale Group

File 156:ToxFile 1965-2002/Nov W3

(c) format only 2002 The Dialog Corporation

File 159:Cancerlit 1975-2002/Oct

(c) format only 2002 Dialog Corporation

File 162:CAB Health 1983-2002/Oct

(c) 2002 CAB International

\*File 162: Truncating CC codes is recommended for full retrieval. See Help News162 for details.

File 164:Allied & Complementary Medicine 1984-2002/Dec

(c) 2002 BLHCIS

File 172:EMBASE Alert 2002/Dec W2

(c) 2002 Elsevier Science B.V.

File 266:FEDRIP 2002/Oct

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File 369:New Scientist 1994-2002/Dec W1

(c) 2002 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3

(c) 1999 AAAS

\*File 370: This file is closed (no updates). Use File 47 for more current information.

File 399:CA SEARCH(R) 1967-2002/UD=13724

(c) 2002 American Chemical Society

\*File 399: Use is subject to the terms of your user/customer agreement. Alert feature enhanced for multiple files, etc. See HELP ALERT.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 442:AMA Journals 1982-2002/Dec B3

(c) 2002 Amer Med Assn -FARS/DARS apply

File 444:New England Journal of Med. 1985-2002/Dec W2

(c) 2002 Mass. Med. Soc.

File 467:ExtraMED(tm) 2000/Dec

(c) 2001 Informania Ltd.

\*File 467: For information about updating status please see Help News467.

# Set Items Description

Cost is in DialUnits  
?ds

Set	Items	Description
S1	10927	E3-E50
S2	553	E1-E47
S3	2	'PLASMODIUM BERGHEI (SPOROZOA)'
S4	4901	'PLASMODIUM BERGHEI' OR DC='B1.841.75.380.611.461.'
S5	0	(S1 OR S2 OR S3 OR S4)/TI
S6	0	S1/TI OR S2/TI OR S3/TI OR S4/TI
S7	292	(S1 OR S2 OR S3 OR S4) (5N) (DNA OR RNA OR RRNA OR CDNA OR EXTRACHROMO? OR NUCLEIC OR NUCLEAR OR NUCLEOTID? OR POLYNUCLEOT? OR PLASTID?)
S8	32	(S1 OR S2 OR S3 OR S4) (5N) (PROBE? OR PRIMER? OR HYBRIDI?)
S9	77	S7/1997:2002
S10	215	S7 NOT S9
S11	1	S8/1997:2002
S12	14	S8 NOT S10
S13	229	S10 OR S12
S14	31	S8 NOT S11
S15	228	S10 OR S14
S16	50	TARGET - S15

?t s15/9/1 51 2 4 5 8 9 11 12 13 14 15 16 17 21 28 30 29 31 36 37 38 41 42 45 46 47 48 49  
59 65

15/9/1 (Item 1 from file: 155)  
DIALOG(R) File 155:MEDLINE(R)

09189637 97083607 PMID: 8929565  
**Localization of ribosomal RNA and Pbs21-mRNA in the sexual stages of Plasmodium berghei using electron microscope in situ hybridization.**  
 Shaw M K; Thompson J; Sinden R E  
 Molecular and Cellular Parasitology Group, Department of Biology, Imperial College of Science, Technology and Medicine, London/United Kingdom.  
 European journal of cell biology (GERMANY) Nov 1996, 71 (3) p270-6, ISSN 0171-9335 Journal Code: 7906240  
 Document type: Journal Article  
 Languages: ENGLISH  
 Main Citation Owner: NLM  
 Record type: Completed  
 Subfile: INDEX MEDICUS  
 A reproducible technique for the ultrastructural localization of RNAs in malaria parasites has been developed which combines excellent structural preservation with high hybridization signals. Signals obtained following in situ hybridization with an antisense rRNA probe which recognizes all forms of small subunit (SSU) rRNA correlate with the density of ribosomes in the parasite cytoplasm and show that a) the male gametocyte has only 12 to 25% the ribosomes found in the female cell and asexual parasite and b) the probe did not hybridize with an electron-dense nuclear body previously called a nucleolus. We suggest this structure is either a transcription-, or a replication-factory. Using a probe for the sexual stage-specific protein Pbs21 mRNA, signal was found only in female gametocytes, zygotes and ookinetes and showed a non-random, clumped cytoplasmic distribution. It is not known at present whether the non-random distribution of the Pbs 21 mRNA is critical to the very delayed translation of the Pbs21 message into protein, which occurs only in the zygote and ookinete.  
 Tags: Animal; Female; Male; Support, Non-U.S. Gov't  
 Descriptors: \*Antigens, Protozoan--genetics--GE; \*Plasmodium berghei --genetics--GE; \*Protozoan Proteins--genetics--GE; \*RNA, Messenger --chemistry--CH; \*RNA, Ribosomal--chemistry--CH; In Situ Hybridization ; Plasmodium berghei--growth and development--GD  
 CAS Registry No.: 0 (Antigens, Protozoan); 0 (Protozoan Proteins); 0 (RNA, Messenger); 0 (RNA, Ribosomal); 0 (ookinete surface antigen Pbs21, Plasmodium)  
 Record Date Created: 19970505